

#18/E



PATENT  
Attorney Docket No. 2356.0014-09

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Chh  
2-6-98

In re Application of:

Luc MONTAGNIER et al.

Serial No. 08/470,489

Group Art Unit: 1818

Filed: June 6, 1995

Examiner: Jeffrey S. Parkin, Ph.D.

For: RETROVIRUS CAPABLE OF  
CAUSING AIDS, MEANS AND  
METHOD FOR DETECTING IT  
IN VITRO

RECEIVED  
JAN 13 1998  
U.S. PAT. & TRADEMARK OFF.

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

**AMENDMENT AND RESPONSE TO PAPER NO. 16**

In response to the October 10, 1997, Office Action (Paper No. 16), applicants  
submit the following amendments and remarks.

PROOBS:  
CLONE R2  
PROD 27-5  
4.8  
35  
4.7

2K p.23 p5P122  
Please amend this application as follows.

**IN THE CLAIMS:** see p. 28, 37

p25+26 Please **cancel** claims 42-49, 52-59, and 62-71, and **add** the following new  
claims: cDNA fragments p62

02/25/1998 MPEOLES 00000012 DBH:060916 08470489  
01 FC:104 270.00 CH  
02 FC:103 280.00 CH  
LAW OFFICES  
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202-408-4000

-72. A method of detecting HIV-2 retrovirus nucleic acid in a biological  
sample, said method comprising:

a) contacting said sample with a probe under hybridization conditions  
selected from the group consisting of hybridization conditions of Tm-42°C, Tm-20°C,

see p. 17  
p. 32 p54 rebr. cond.